

FIG 1

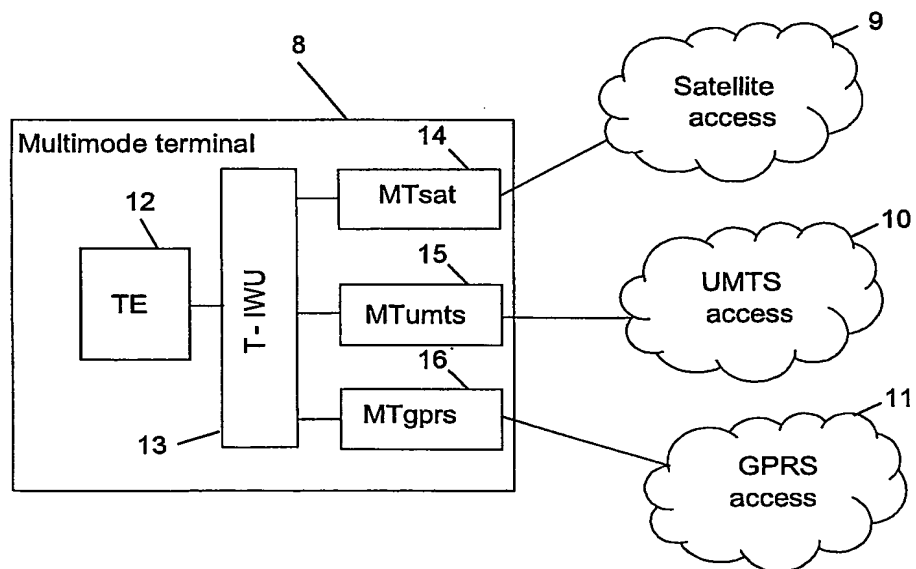


FIG. 2

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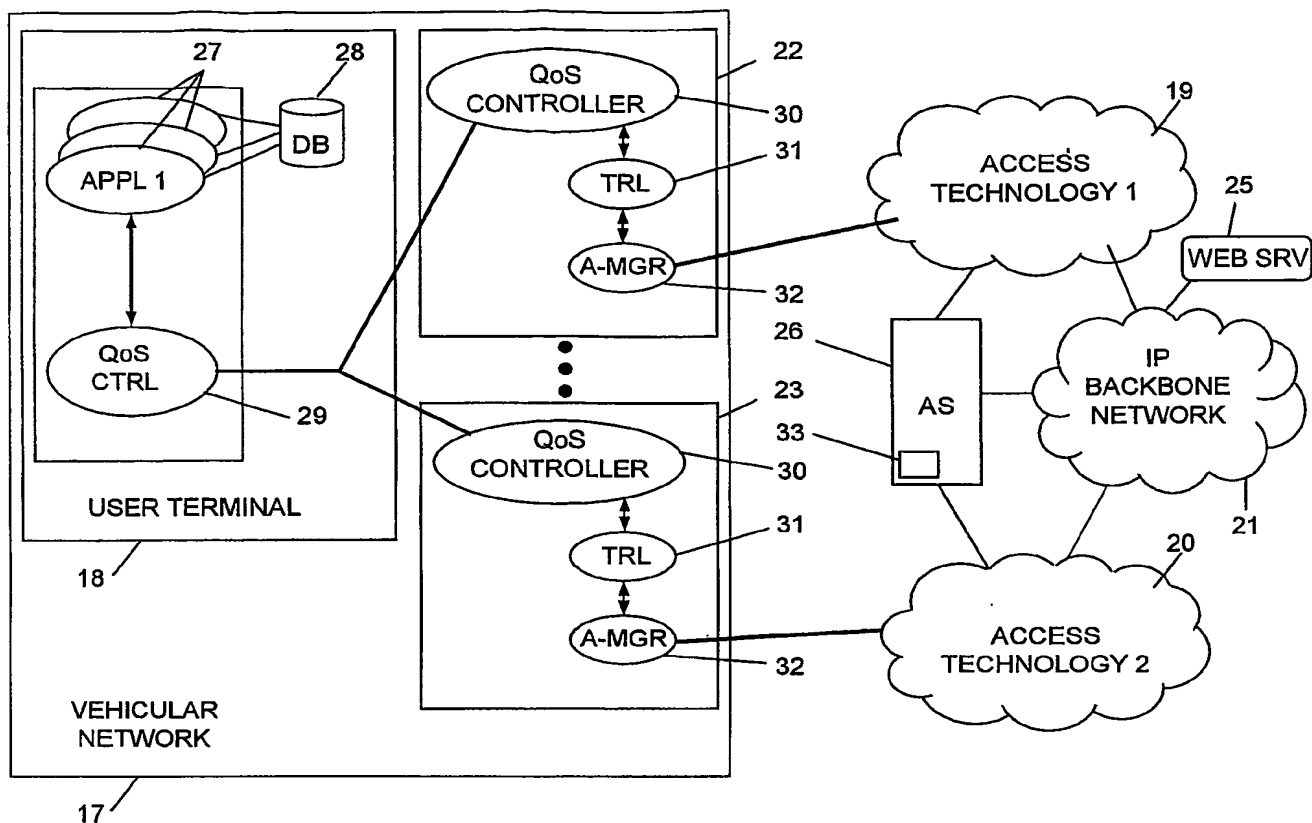


FIG. 3

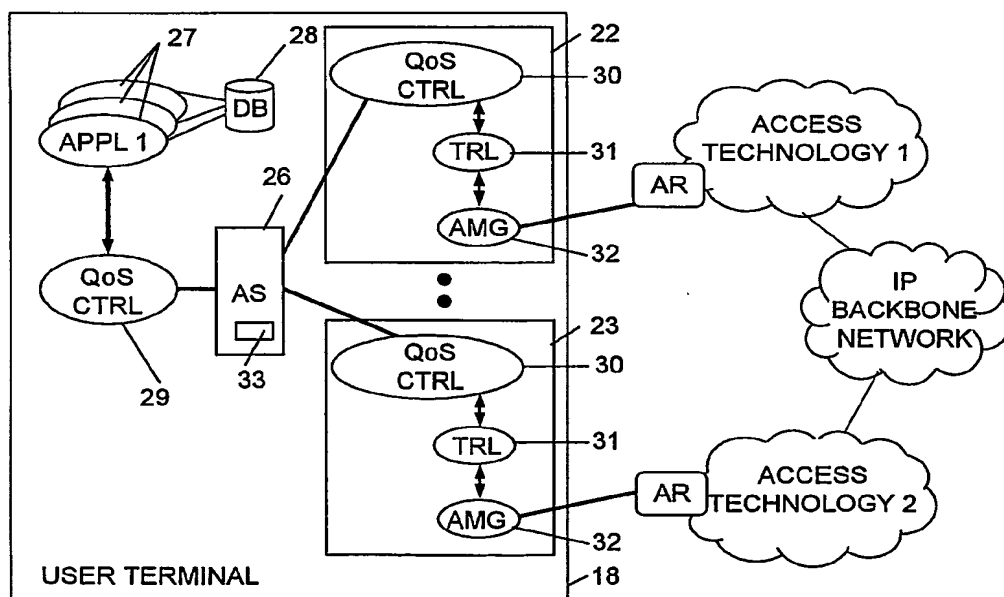


FIG. 4

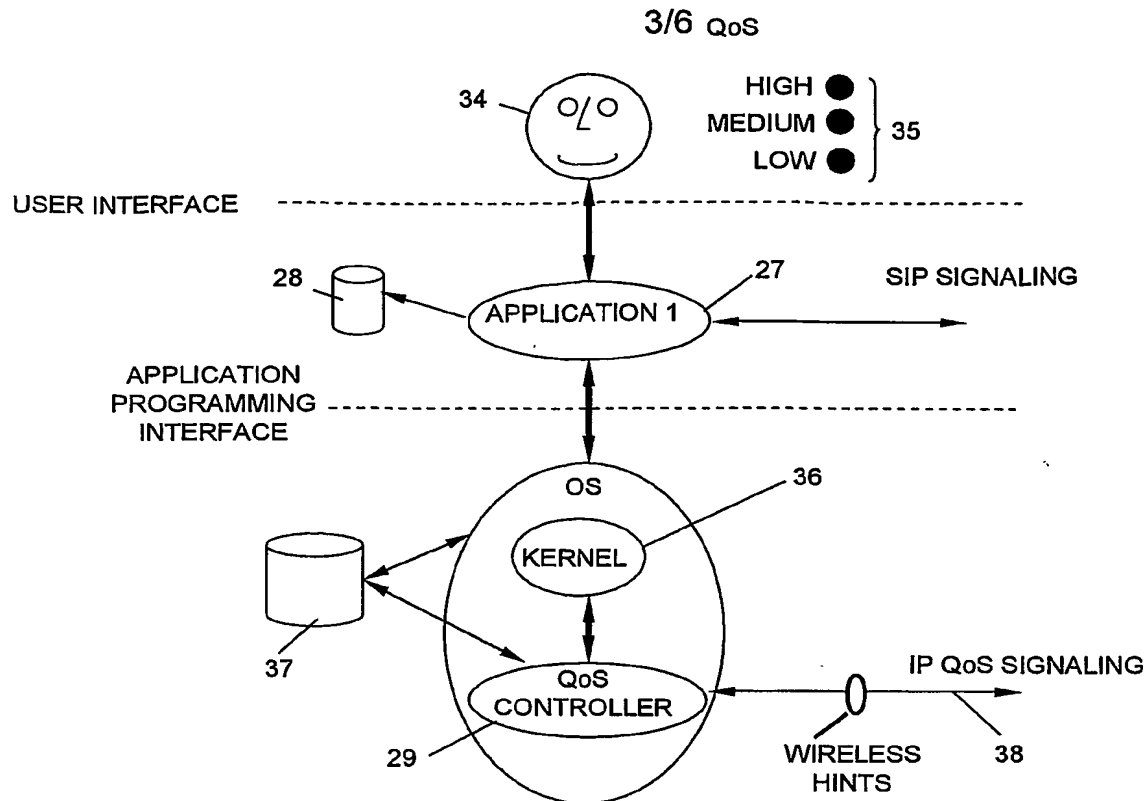


FIG. 5

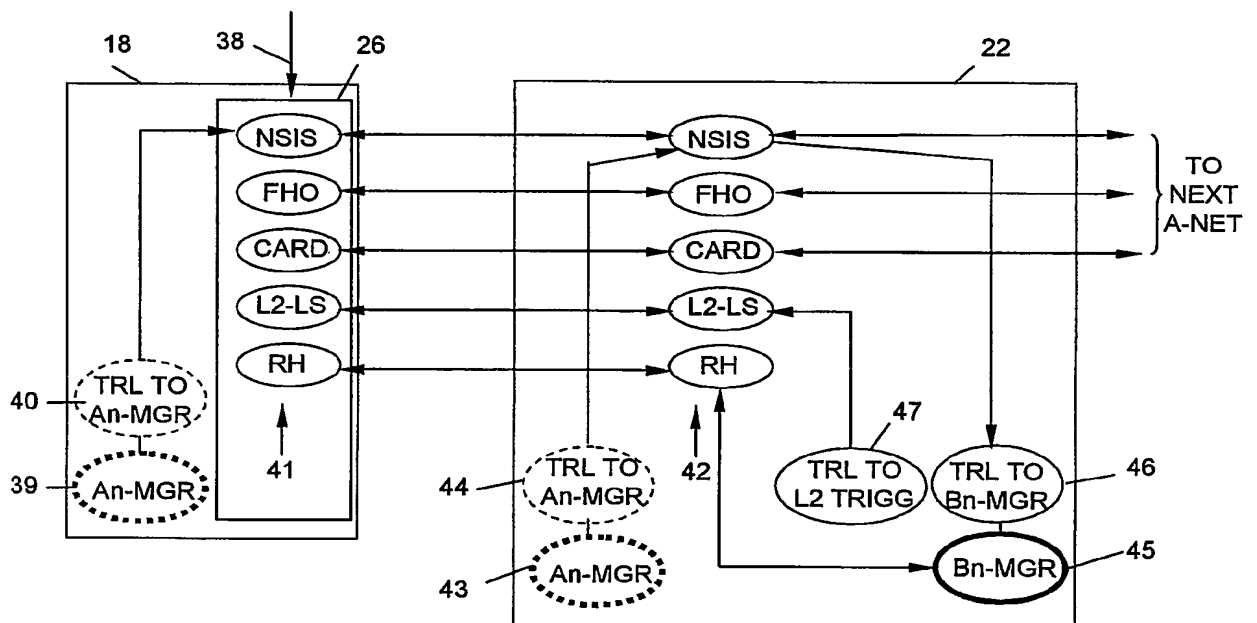


FIG. 6

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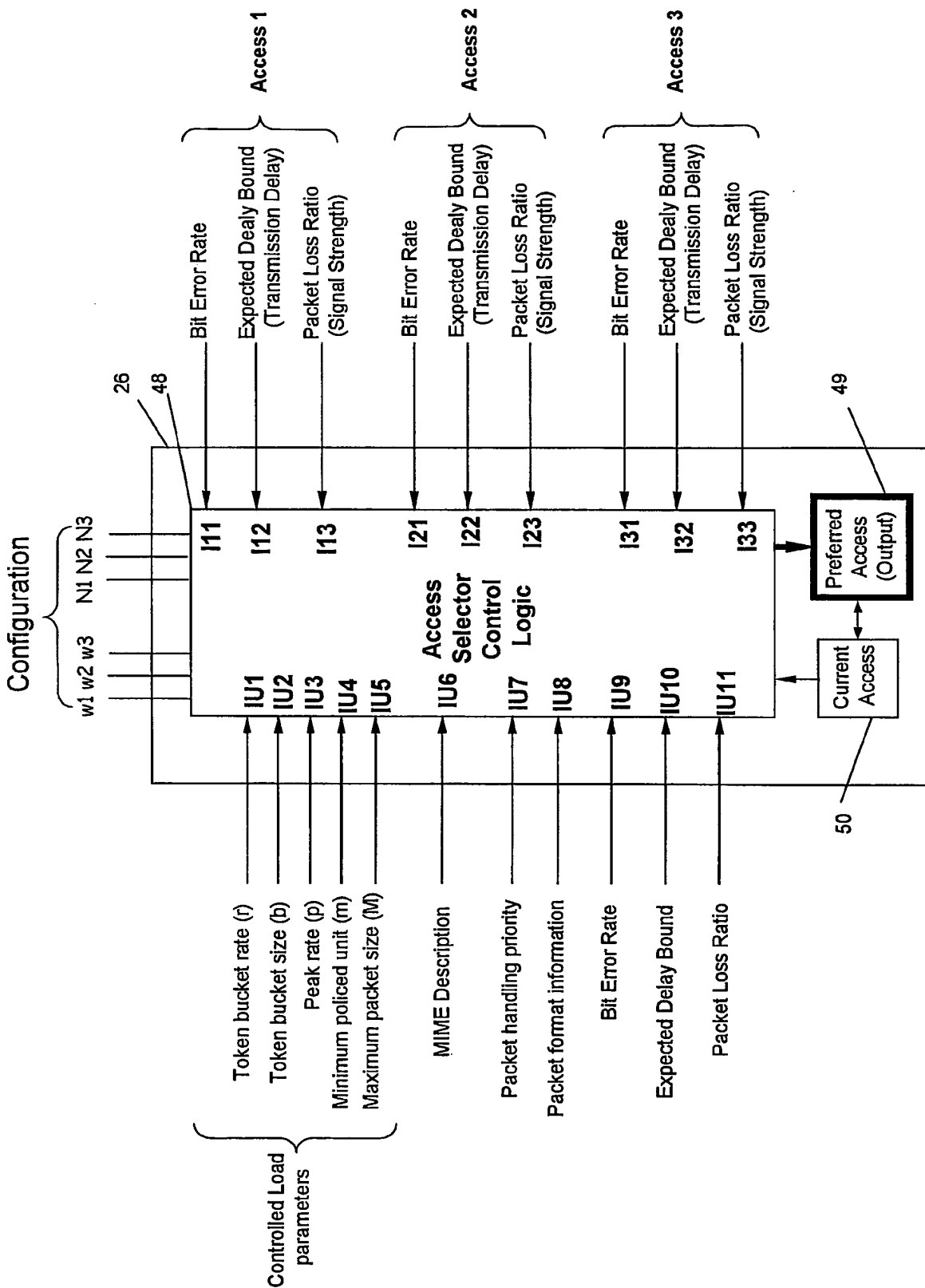


FIG. 7

Output Access System = $\text{fa}(\text{MAX}(\text{AC1}, \text{AC2}, \text{AC3}))$,

Where:

$\text{fa}(\text{ACi})$ = gives the index of the access system to which the ACi parameter belongs; e.g. $\text{fa}(\text{AC3}) = 3$.

$$\begin{aligned}\text{AC1} &= \text{Ln}(W1 * (\text{IU9-I11})/\text{N1}+1) + \text{Ln}(W2 * (\text{IU10-I12})/\text{N2}+1) + \text{Ln}(W3 * (\text{IU11-I13})/\text{N3}+1); \\ \text{AC2} &= \text{Ln}(W1 * (\text{IU9-I21})/\text{N1}+1) + \text{Ln}(W2 * (\text{IU10-I22})/\text{N2}+1) + \text{Ln}(W3 * (\text{IU11-I23})/\text{N3}+1); \\ \text{AC3} &= \text{Ln}(W1 * (\text{IU9-I31})/\text{N1}+1) + \text{Ln}(W2 * (\text{IU10-I32})/\text{N2}+1) + \text{Ln}(W3 * (\text{IU11-I33})/\text{N3}+1); \end{aligned}$$

Where:

$W1$ = weight factor for bit error rate; $N1$ = normalization constant for bit error rate
 $W2$ = weight factor for expected delay bound; $N2$ = normalization constant for expected delay bound
 $W3$ = weight factor for packet loss ratio; $N3$ = normalization constant for packet loss ratio

FIG. 8

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$$Y = \ln[w \cdot x + 1]$$

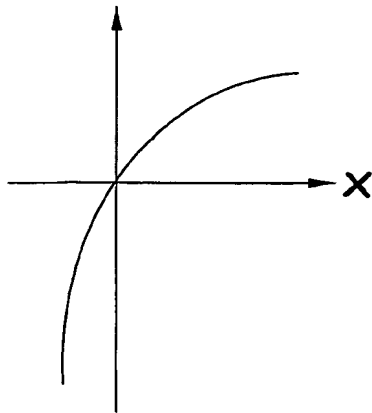


FIG. 9

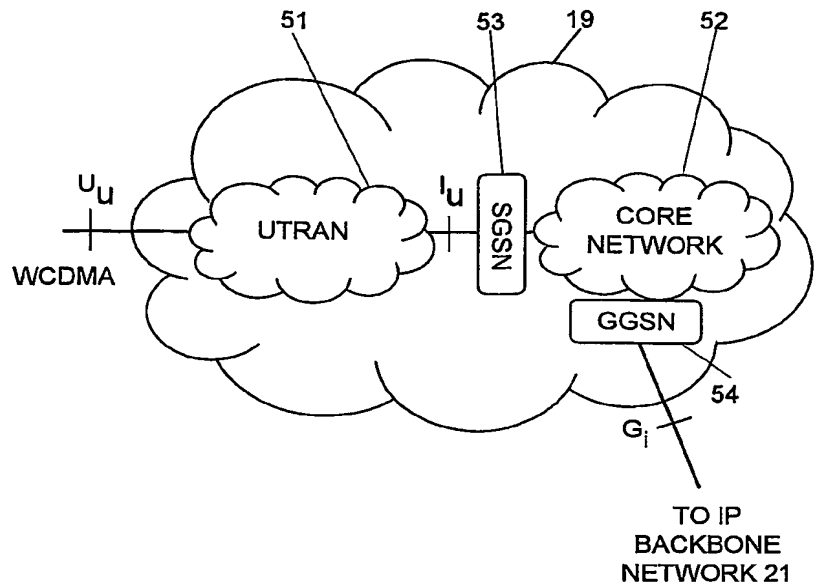


FIG. 10

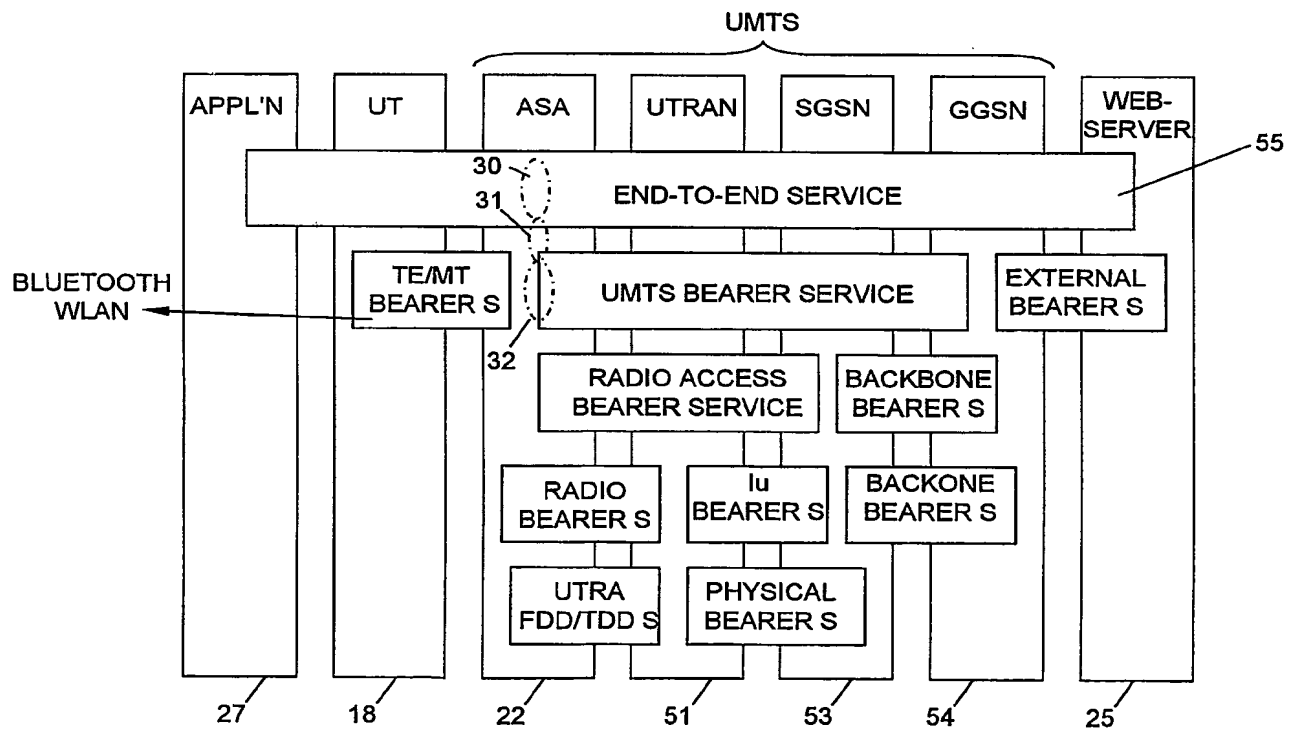


FIG 11